

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS  
Western Australian Office

WESTERN AUSTRALIA

INDUSTRIAL ACCIDENTS (Series A)

1963-64



NOTE: The statistics contained in this publication have been compiled from reports of workers' compensation claims closed during the year ended 30th June, 1964 in respect of accidents causing death or absence from work for one day or more.

A further release, "Industrial Accidents (Series B) 1963-64" to be issued shortly, will contain corresponding information in respect of industrial accidents causing death or absence from work for one week or more.

W. M. BARTLETT

PERTH, Western Australia  
8th February, 1966.

Acting Deputy Commonwealth Statistician  
and Acting Government Statistician





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Western Australian Office

INDUSTRIAL ACCIDENTS 1963/64

CONTENTS

Table		Page
	Notes	4
1	Fatal and Non-fatal Accidents: Industry Group, Time Lost and Cost of Claims	5-7
2	Fatal and Non-fatal Accidents: Industry Group and Accident Factor	8-9
3	Non-fatal Accidents: Industry Group and Site of Injury	10-11
4	Non-fatal Accidents: Industry Group and Nature of Injury	12-13
5	Non-fatal Accidents: Site of Injury and Accident Factor	14
6	Non-fatal Accidents: Nature of Injury and Accident Factor	15
7	Non-fatal Accidents: Age Group and Accident Factor	16
8	Fatal and Non-fatal Accidents: Individual Accident Factor and Time Lost	17-19
9	Non-fatal Accidents: Duration of Time Lost	20

Corrigenda

Industrial Accidents - 1963-64

Series A. - Table 6.

Average time lost : Sprains, strains and hernias : Males.

Roads 1.4

Should read 2.8 ✓

## INDUSTRIAL ACCIDENTS

### NOTES

The collection of information for detailed analyses of industrial accidents in Western Australia commenced on the 1st July, 1961. From that date all insurers and self-insurers have been required to submit a report to the Workers' Compensation Board in respect of each claim for workers' compensation as soon as the claim is closed.

For the purposes of the collection, each claim is regarded as a separate industrial accident and the statistics contained in this publication have been prepared from reports of claims closed during the year ended 30th June, 1964. To facilitate comparison with the previous year, some significant totals for 1962-63 are included. The item "Cost of Claims" appearing in some of the tables is not limited to amounts actually paid during 1963-64 (or 1962-63), but represents all payments made (i.e. from the date of the injury) in respect of each claim closed during the year. "Time Lost" is to be interpreted similarly.

Only accidents coming within the scope of the Workers' Compensation Act are included and consequently industrial accidents to self-employed persons, and all Commonwealth Government employees, are excluded. With few exceptions, an accident to an employee while travelling between his home and place of employment was not compensable in Western Australia until the 14th December, 1964, when the Workers' Compensation Act Amendment Act of 1964 came into operation. From that date, the compensation provisions have been extended generally to include injuries sustained in the course of travel between place of residence and place of employment.

Classification according to industry group has been made on the basis of the 1961 Census Classification of Industries.

The term "accident factor" as used in some of the tables may be defined as "that underlying agency, other than human failing, which appears to contribute most materially to an accident and which would be most likely to receive attention in preventing the occurrence of a similar accident".

The scope of this publication has been restricted to include only compensated work injuries causing death or absence from work for ONE DAY OR MORE. Consequently, some 24,000 claims involving loss of work for less than one day have been excluded from the tables. In respect of reopened claims, the additional time lost and costs have been included in the tables but, to avoid duplication, such cases, numbering 1,656 in 1963-64, have been excluded from the number of accidents. Disease cases have been excluded entirely.

More detailed statistics than those published here are available for inspection at the Commonwealth Bureau of Census and Statistics, Perth.

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## No. 1 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY GROUPS, TIME LOST AND COST OF CLAIMS, 1963-64

## TOTAL PERSONS

Industry Group	Number of Accidents			Time Lost (Non-fatal Accidents)		Cost of Claims (a)			
	Fatal	Non-fatal							
		Number	Pro-portion of Total	Total	Average per Accident	Fatal	Non-fatal	Total	Average per Non-fatal Accident
			%	weeks	weeks	£	£	£	£
Primary Production	6	1,778	6.9	5,903	3.3	19,824	162,136	181,960	91
Mining and Quarrying	1	2,123	8.2	5,464	2.6	2,074	146,119	148,193	69
Total - Primary Industry	7	3,901	15.1	11,367	2.9	21,898	308,255	330,153	79
Manufacturing -									
Cement, bricks, glass and stone	-	938	3.6	1,985	2.1	-	46,207	46,207	49
Founding, engineering and metal working	3	3,385	13.1	5,704	1.7	8,196	148,136	156,332	44
Ships, vehicles, parts and accessories	-	1,193	4.6	2,219	1.9	-	45,752	45,752	38
Food, drink and tobacco	1	1,241	4.8	2,779	2.2	2,563	63,906	66,469	51
Sawmilling and wood products (excl. furniture)	-	1,473	5.7	4,205	2.9	-	100,531	100,531	68
Other manufacturing	1	1,138	4.4	2,248	2.0	67	54,957	55,024	48
Total - Manufacturing	5	9,368	36.2	19,140	2.0	10,826	459,489	470,315	49
Electricity, Gas, Water and Sanitary Services	1	627	2.4	2,115	3.4	524	55,413	55,937	88
Building and Construction	4	3,959	15.3	10,670	2.7	5,622	246,374	251,996	62
Transport and Storage (inc. Communication)	8	2,696	10.4	7,345	2.7	17,813	166,988	184,801	62
Finance and Property	-	33	0.1	100	3.0	-	2,129	2,129	65
Commerce	2	3,367	13.0	7,349	2.2	1,559	165,540	167,099	49
Public Authority (n.e.i.), Community and Business Services	-	1,242	4.8	4,208	3.4	-	78,024	78,024	63
Amusement, Hotels, Accommodation, Cafes, etc.	1	633	2.4	2,174	3.4	132	40,697	40,829	64
Other and inadequately described or not stated	-	68	0.3	250	3.7	-	4,430	4,430	65
Total - Other Industries	16	12,625	48.7	34,211	2.7	25,650	759,595	785,245	60
GRAND TOTAL: 1963-64	28	25,894	100.0	64,718	2.5	58,374	1,527,339	1,585,713	59
1962-63	34	26,425	100.0	65,671	2.5	75,075	1,524,097	1,599,172	58

(a) Principally compensation for wages lost, medical expenses and lump sum settlements.



## No. 1 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY GROUPS, TIME LOST AND COST OF CLAIMS, 1963-64 (continued)

## MALES

Industry Group	Number of Accidents			Time Lost (Non-fatal Accidents)		Cost of Claims (a)			
	Fatal	Non-fatal		Total	Average per Accident	Fatal	Non-fatal	Total	Average per Non-fatal Accident
		Number	Pro-portion of Total						
			%	weeks	weeks	£	£	£	£
Primary Production	6	1,741	7.1	5,795	3.3	19,824	160,653	180,477	92
Mining and Quarrying	1	2,122	8.7	5,462	2.6	2,074	146,095	148,169	69
Total - Primary Industry	7	3,863	15.8	11,257	2.9	21,898	306,748	328,646	79
Manufacturing -									
Cement, bricks, glass and stone	-	933	3.8	1,958	2.1	-	45,827	45,827	49
Founding, engineering and metal working	3	3,343	13.6	5,486	1.6	8,196	143,054	151,250	43
Ships, vehicles, parts and accessories	-	1,191	4.9	2,198	1.8	-	44,862	44,862	38
Food, drink and tobacco	1	1,144	4.7	2,612	2.3	2,563	61,476	64,039	54
Sawmilling and wood products (excl. furniture)	-	1,467	6.0	4,189	2.9	-	100,339	100,339	68
Other manufacturing	1	1,012	4.1	2,011	2.0	67	51,103	51,170	50
Total - Manufacturing	5	9,090	37.1	18,454	2.0	10,826	446,661	457,487	49
Electricity, Gas, Water and Sanitary Services	1	625	2.5	2,114	3.4	524	55,192	55,716	88
Building and Construction	4	3,954	16.2	10,657	2.7	5,622	246,252	251,874	62
Transport and Storage (inc. Communication)	8	2,659	10.9	7,276	2.7	17,813	166,138	183,951	62
Finance and Property	-	19	0.1	74	3.9	-	1,857	1,857	98
Commerce	2	2,962	12.1	6,377	2.2	1,559	149,004	150,563	50
Public Authority (n.e.i.), Community and Business Services	-	896	3.7	2,946	3.3	-	59,403	59,403	66
Amusement, Hotels, Accommodation, Cafes, etc.	1	350	1.4	1,003	2.9	132	20,736	20,868	59
Other and inadequately described or not stated	-	57	0.2	178	3.1	-	3,843	3,843	67
Total - Other Industries	16	11,522	47.1	30,625	2.7	25,650	702,425	728,075	61
GRAND TOTAL: 1963-64	28	24,475	100.0	60,336	2.5	58,374	1,455,834	1,514,208	59
1962-63	34	24,985	100.0	61,728	2.5	75,075	1,461,821	1,536,896	59

(a) See footnote on previous page.



## No. 1 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY GROUPS, TIME LOST AND COST OF CLAIMS, 1963-64 (continued)

## FEMALES

Industry Group	Number of Accidents			Time Lost (Non-fatal Accidents)		Cost of Claims (a)			
	Fatal	Non-fatal		Total	Average per Accident	Fatal	Non-fatal	Total	Average per Non-fatal Accident
		Number	Pro-portion of Total						
			%	weeks	weeks	£	£	£	£
Primary Production	-	37	2.6	108	2.9	-	1,483	1,483	40
Mining and Quarrying	-	1	0.1	2	2.0	-	24	24	24
Total - Primary Industry	-	38	2.7	110	2.9	-	1,507	1,507	40
Manufacturing -									
Cement, bricks, glass and stone	-	5	0.4	27	5.4	-	380	380	76
Founding, engineering and metal working	-	42	3.0	218	5.2	-	5,082	5,082	121
Ships, vehicles, parts and accessories	-	2	0.1	21	10.2	-	890	890	445
Food, drink and tobacco	-	97	6.8	167	1.7	-	2,430	2,430	25
Sawmilling and wood products (excl. furniture)	-	6	0.4	16	2.7	-	192	192	32
Other manufacturing	-	126	8.9	237	1.9	-	3,854	3,854	31
Total - Manufacturing	-	278	19.6	686	2.5	-	12,828	12,828	46
Electricity, Gas, Water and Sanitary Services	-	2	0.1	1	0.4	-	221	221	111
Building and Construction	-	5	0.3	13	2.6	-	122	122	24
Transport and Storage (inc. Communication)	-	37	2.6	69	1.9	-	850	850	23
Finance and Property	-	14	1.0	26	1.9	-	272	272	19
Commerce	-	405	28.5	972	2.4	-	16,536	16,536	41
Public Authority (n.e.i.), Community and Business Services	-	346	24.4	1,262	3.6	-	18,621	18,621	54
Amusement, Hotels, Accommodation, Cafes, etc.	-	283	20.0	1,171	4.1	-	19,961	19,961	71
Other and inadequately described or not stated	-	11	0.8	72	6.5	-	587	587	53
Total - Other Industries	-	1,103	77.7	3,586	3.3	-	57,170	57,170	52
GRAND TOTAL: 1963-64	-	1,419	100.0	4,382	3.1	-	71,505	71,505	50
1962-63	-	1,440	100.0	3,943	2.7	-	62,276	62,276	43

(a) See footnote on page 5.

## No. 2 - FATAL AND NON-FATAL ACCIDENTS: INDUSTRY GROUP AND ACCIDENT FACTOR, 1963-64

## MALES

F denotes Fatal Accidents; N F denotes Non-fatal Accidents

Industry Group	Machinery		Vehicles		Electricity, Explosions, etc.		Harmful Substances		Falling, Slipping, Stumbling, etc.		Striking Against, Stopping on, etc.		Handling, Moving or Falling Objects		Hand Tools		Other and Unspecified		Total	
	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F
Primary Production	-	179	4	150	-	42	-	22	-	254	-	140	1	466	-	219	1	269	6	1,741
Mining and Quarrying	-	113	-	113	-	37	-	20	-	365	-	129	1	854	-	439	-	52	1	2,122
Total - Primary Industry	-	292	4	263	-	79	-	42	-	619	-	269	2	1,320	-	658	1	321	7	3,863
Manufacturing -																				
Cement, bricks, glass and stone	-	88	-	15	-	12	-	9	-	205	-	76	-	416	-	73	-	39	-	933
Founding, engineering and metal working	-	942	1	48	1	85	-	27	-	319	-	228	1	1,096	-	470	-	128	3	3,343
Ships, vehicles, parts and accessories	-	172	-	19	-	28	-	8	-	157	-	73	-	360	-	315	-	59	-	1,191
Food, drink and tobacco	-	68	-	17	-	42	-	19	-	235	-	97	1	447	-	179	-	40	1	1,144
Sawmilling and wood products (excl. furniture)	-	281	-	27	-	10	-	3	-	195	-	94	-	691	-	130	-	36	-	1,467
Other manufacturing	-	189	1	21	-	29	-	26	-	160	-	85	-	334	-	136	-	32	1	1,012
Total - Manufacturing	-	1,740	2	147	1	206	-	92	-	1,271	-	653	2	3,344	-	1,303	-	334	5	9,090
Electricity, Gas, Water and Sanitary Services	-	31	1	27	-	19	-	2	-	142	-	43	-	242	-	84	-	35	1	625
Building and Construction	-	235	-	190	-	65	-	44	2	814	-	366	1	1,426	-	608	1	206	4	3,954
Transport and Storage (inc. Communication)	-	75	2	220	1	59	-	18	2	722	-	158	3	1,055	-	208	-	144	8	2,659
Finance and Property	-	-	-	3	-	-	-	-	-	9	-	-	-	6	-	-	-	1	-	19
Commerce	-	181	2	114	-	65	-	27	-	548	-	265	-	1,038	-	553	-	171	2	2,962
Public Authority (n.e.i.), Community and Business Services	-	46	-	53	-	23	-	4	-	204	-	71	-	325	-	85	-	85	-	896
Amusement, Hotels, Accommodation, Cafes, etc.	-	11	-	9	-	10	-	3	1	75	-	38	-	116	-	56	-	32	1	350
Other and inadequately described or not stated	-	1	-	3	-	-	-	-	-	8	-	2	-	29	-	12	-	2	-	57
Total - Other Industries	-	580	5	619	1	241	-	98	5	2,522	-	943	4	4,237	-	1,606	1	676	16	11,522
GRAND TOTAL, 1963-64: Number	-	2,612	11	1,029	2	526	-	232	5	4,412	-	1,865	8	8,901	-	3,567	2	1,331	28	24,475
Per cent.		10.7		4.2		2.2		0.9		18.0		7.6		36.4		14.6		5.4		100.0
1962-63: Number	2	2,326	16	776	3	479	-	230	4	4,338	-	2,007	7	10,433	-	2,760	2	1,636	34	24,985
Per cent.		9.3		3.1		1.9		0.9		17.4		8.0		41.8		11.0		6.6		100.0



## No. 2 - FATAL AND NON-FATAL ACCIDENTS (≠): INDUSTRY GROUP AND ACCIDENT FACTOR, 1963-64 (continued)

## FEMALES

Industry Group	Machin- ery	Veh- icles	Elect- ricity, Explo- sions, etc.	Harmful Sub- stances	Falling, Slipping, Stumbling, etc.	Striking Against, Stepping on, etc.	Handling, Moving or Falling Objects	Hand Tools	Other and Unspeci- fied	Total
Primary Production	1	1	4	1	14	5	5	1	5	37
Mining and Quarrying	-	-	-	-	1	-	-	-	-	1
Total - Primary Industry	1	1	4	1	15	5	5	1	5	38
Manufacturing -										
Cement, bricks, glass and stone	-	-	-	-	3	-	1	1	-	5
Founding, engineering and metal working	10	-	1	-	5	8	10	2	6	42
Ships, vehicles, parts and accessories	1	-	-	-	-	-	1	-	-	2
Food, drink and tobacco	9	-	2	1	26	12	38	7	2	97
Sawmilling and wood products (excl. furniture)	3	-	1	-	1	-	1	-	-	6
Other manufacturing	42	1	4	2	22	14	30	6	5	126
Total - Manufacturing	65	1	8	3	57	34	81	16	13	278
Electricity, Gas, Water and Sanitary Services	-	-	-	-	-	-	1	1	-	2
Building and Construction	-	-	-	-	2	2	1	-	-	5
Transport and Storage (inc. Communication)	-	13	2	-	10	1	8	-	3	37
Finance and Property	-	-	1	-	4	1	6	-	2	14
Commerce	19	4	17	1	136	50	119	37	22	405
Public Authority (n.e.i.), Community and Business Services	11	2	20	5	121	29	122	9	27	346
Amusement, Hotels, Accommodation, Cafes, etc.	13	-	29	3	99	26	75	22	16	283
Other and inadequately described or not stated	-	-	-	-	5	1	2	2	1	11
Total - Other Industries	43	19	69	9	377	110	334	71	71	1,103
GRAND TOTAL, 1963-64: Number	109	21	81	13	449	149	420	88	89	1,419
Per cent.	7.7	1.5	5.7	0.9	31.6	10.5	29.6	6.2	6.3	100.0
1962-63: Number	118	29	80	11	463	150	425	88	76	1,440
Per cent.	8.2	2.0	5.6	0.8	32.1	10.4	29.5	6.1	5.3	100.0

(≠) No accident causing the death of a female was reported during 1962-63 or 1963-64.

## No. 3 - NON-FATAL ACCIDENTS: INDUSTRY GROUP AND SITE OF INJURY, 1963-64

## MALES

Industry Group	Head	Eye	Neck	Trunk	Arm	Hand	Leg	Foot	Site Unspeci- fied	Mis- cell- aneous	Total
Primary Production	93	118	42	327	232	390	325	177	1	36	1,741
Mining and Quarrying	86	223	47	433	243	501	364	205	5	15	2,122
Total - Primary Industry	179	341	89	760	475	891	689	382	6	51	3,863
Manufacturing -											
Cement, bricks, glass and stone	30	85	9	238	104	211	151	100	1	4	933
Founding, engineering and metal working	102	948	32	537	304	739	317	347	4	13	3,343
Ships, vehicles, parts and accessories	35	334	15	210	118	265	111	98	-	5	1,191
Food, drink and tobacco	43	45	23	246	120	401	155	102	-	9	1,144
Sawmilling and wood products (excl. furniture)	43	104	33	269	121	518	212	164	-	3	1,467
Other manufacturing	27	98	16	216	110	308	139	90	2	6	1,012
Total - Manufacturing	280	1,614	128	1,716	877	2,442	1,085	901	7	40	9,090
Electricity, Gas, Water and Sanitary Services	35	65	20	173	48	108	97	71	3	5	625
Building and Construction	187	475	90	921	415	773	632	412	7	42	3,954
Transport and Storage (inc. Communication)	112	235	86	700	281	442	490	299	5	9	2,659
Finance and Property	2	-	-	5	2	2	5	1	2	-	19
Commerce	140	283	51	656	319	797	451	247	6	12	2,962
Public Authority (n.e.i.), Community and Business Services	41	40	24	232	105	188	175	84	3	4	896
Amusement, Hotels, Accommodation, Cafes, etc.	11	20	9	89	45	89	47	34	-	6	350
Other and inadequately described or not stated	4	1	1	16	3	17	5	9	-	1	57
Total - Other Industries	532	1,119	281	2,792	1,218	2,416	1,902	1,157	26	79	11,522
GRAND TOTAL, 1963-64: Number	991	3,074	498	5,268	2,570	5,749	3,676	2,440	39	170	24,475
Per cent.	4.0	12.6	2.0	21.5	10.5	23.5	15.0	10.0	0.2	0.7	100.0
1962-63: Number	892	2,982	521	5,377	2,664	5,882	3,696	2,621	153	197	24,985
Per cent.	3.6	11.9	2.1	21.5	10.7	23.5	14.8	10.5	0.6	0.8	100.0

Note: For a more detailed description of site of injury, see Table No. 5.



## No. 3 - NON-FATAL ACCIDENTS: INDUSTRY GROUP AND SITE OF INJURY, 1963-64 (continued)

## FEMALES

Industry Group	Head	Eye	Neck	Trunk	Arm	Hand	Leg	Foot	Site Unspeci- fied	Mis- cell- aneous	Total
Primary Production	1	1	-	4	7	11	10	3	-	-	37
Mining and Quarrying	-	-	-	-	1	-	-	-	-	-	1
Total - Primary Industry	1	1	-	4	8	11	10	3	-	-	38
Manufacturing -											
Cement, bricks, glass and stone	1	-	-	2	1	-	1	-	-	-	5
Founding, engineering and metal working	2	2	1	1	6	17	9	4	-	-	42
Ships, vehicles, parts and accessories	-	-	-	1	1	-	-	-	-	-	2
Food, drink and tobacco	6	-	2	9	15	34	17	13	-	1	97
Sawmilling and wood products (excl. furniture)	-	1	-	-	2	2	1	-	-	-	6
Other manufacturing	3	5	-	11	20	56	21	10	-	-	126
Total - Manufacturing	12	8	3	24	45	109	49	27	-	1	278
Electricity, Gas, Water and Sanitary Services	-	-	-	-	-	1	-	1	-	-	2
Building and Construction	-	-	-	-	2	-	-	3	-	-	5
Transport and Storage (inc. Communication)	2	-	2	8	5	4	15	1	-	-	37
Finance and Property	1	-	-	3	3	3	-	3	-	1	14
Commerce	22	9	7	70	48	109	95	43	-	2	405
Public Authority (n.e.i.), Community and Business Services	13	4	13	115	42	54	82	19	2	2	346
Amusement, Hotels, Accommodation, Cafes, etc.	11	1	10	44	40	83	66	25	1	2	283
Other and inadequately described or not stated	-	-	-	1	4	3	3	-	-	-	11
Total - Other Industries	49	14	32	241	144	257	261	95	3	7	1,103
GRAND TOTAL, 1963-64: Number	62	23	35	269	197	377	320	125	3	8	1,419
Per cent.	4.4	1.6	2.3	19.0	13.9	26.6	22.6	8.8	0.2	0.6	100.0
1962-63: Number	59	27	32	260	175	422	288	151	12	14	1,440
Per cent.	4.1	1.9	2.2	18.1	12.1	29.3	20.0	10.5	0.8	1.0	100.0

Note: For a more detailed description of site of injury, see Table No. 5.

## No. 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUP AND NATURE OF INJURY, 1963-64

## MALES

Industry Group	Contusion, Bruising, and Super- ficial	Lacera- tions	Foreign Bodies	Burns and Scalds	Frac- tures	Dis- loca- tions	Sprains, Strains, Hernias	Amputa- tions	Concus- sion	Other	Total
Primary Production	360	488	67	81	170	42	437	15	32	49	1,741
Mining and Quarrying	651	492	149	47	173	31	522	12	17	28	2,122
Total - Primary Industry	1,011	980	216	128	343	73	959	27	49	77	3,863
Manufacturing -											
Cement, bricks, glass and stone	231	205	57	31	44	8	347	3	2	5	933
Founding, engineering and metal working	645	619	739	302	199	21	759	18	12	29	3,343
Ships, vehicles, parts and accessories	209	220	284	78	64	13	303	4	8	8	1,191
Food, drink and tobacco	235	386	32	38	64	11	345	7	11	15	1,144
Sawmilling and wood products (excl. furniture)	435	391	80	17	131	27	341	28	7	10	1,467
Other Manufacturing	233	252	60	67	53	13	307	12	6	9	1,012
Total - Manufacturing	1,988	2,073	1,252	533	555	93	2,402	72	46	76	9,090
Electricity, Gas, Water and Sanitary Services	155	114	44	18	51	15	212	2	9	5	625
Building Construction	964	827	320	165	294	69	1,213	8	34	60	3,954
Transport and Storage (inc. Communication)	660	382	183	82	244	58	990	13	25	16	2,659
Finance and Property	5	2	-	-	3	-	7	-	-	2	19
Commerce	633	817	226	108	146	32	910	23	34	33	2,962
Public Authority (n.o.i.), Community and Business Services	212	157	29	27	97	21	329	2	12	10	896
Amusement, Hotels, Accommodation, Cafes, etc.	65	96	17	14	20	8	117	2	4	7	350
Other and inadequately described or not stated	12	13	1	1	14	1	14	-	-	1	57
Total - Other Industries	2,706	2,409	825	415	869	204	3,792	50	118	134	11,522
GRAND TOTAL, 1963-64: Number	5,705	5,462	2,293	1,076	1,767	370	7,153	149	213	287	24,475
Per cent.	23.3	22.3	9.4	4.4	7.2	1.5	29.2	0.6	0.9	1.2	100.0
1962-63: Number	5,869	5,547	2,356	1,023	1,830	292	7,154	143	174	597	24,985
Per cent.	23.5	22.2	9.4	4.1	7.3	1.2	28.6	0.6	0.7	2.4	100.0

## No. 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUP AND NATURE OF INJURY, 1963-64 (continued)

## FEMALES

Industry Group	Contusion, Bruising, and Super- ficial	Lacera- tions	Foreign Bodies	Burns and Scalds	Frac- tures	Dis- loca- tions	Sprains, Strains, Hernias	Amputa- tions	Concus- sion	Other	Total
Primary Production	10	11	-	5	3	-	8	-	-	-	37
Mining and Quarrying	-	-	-	-	-	-	1	-	-	-	1
Total - Primary Industry	10	11	-	5	3	-	9	-	-	-	38
Manufacturing -											
Cement, bricks, glass and stone	3	-	-	-	-	-	2	-	-	-	5
Founding, engineering and metal working	13	15	2	1	3	1	6	-	1	-	42
Ships, vehicles, parts and accessories	-	-	-	-	1	-	1	-	-	-	2
Food, drink and tobacco	27	34	-	3	4	1	25	1	1	1	97
Sawmilling and wood products (excl. furniture)	2	1	1	-	1	-	1	-	-	-	6
Other manufacturing	35	43	4	6	4	-	29	2	-	3	126
Total - Manufacturing	80	93	7	10	13	2	64	3	2	4	278
Electricity, Gas, Water and Sanitary Services	1	1	-	-	-	-	-	-	-	-	2
Building and Construction	2	2	-	-	1	-	-	-	-	-	5
Transport and Storage (inc. Communication)	14	2	-	2	1	1	15	-	2	-	37
Finance and Property	1	6	-	-	2	1	3	-	-	1	14
Commerce	117	117	5	18	14	2	118	2	10	2	405
Public Authority (n.e.i.), Community and Business Services	70	42	3	25	23	10	162	-	4	7	346
Amusement, Hotels, Accommodation, Cafes, etc.	73	67	-	36	24	8	71	-	2	2	283
Other and inadequately described or not stated	1	2	-	-	3	-	5	-	-	-	11
Total - Other Industries	279	239	8	81	68	22	374	2	18	12	1,103
GRAND TOTAL, 1963-64: Number	369	343	15	96	84	24	447	5	20	16	1,419
Per cent.	26.0	24.2	1.0	6.8	5.9	1.7	31.5	0.4	1.4	1.1	100.0
1962-63: Number	367	369	12	98	64	19	442	5	19	45	1,440
Per cent.	25.5	25.6	0.8	6.8	4.5	1.3	30.7	0.4	1.3	3.1	100.0



## No. 5 - NON-FATAL ACCIDENTS: SITE OF INJURY AND ACCIDENT FACTOR, 1963-64

Site of Injury	Machinery	Vehicles	Electricity, Explosions, etc.	Harmful Sub- stances	Falling, Slipping, Stumbling, etc.	Striking against, Stepping on, etc.	Handling, Moving or Falling Objects	Hand Tools	Other and Unspeci- fied	Total Accidents	Average Time Lost (weeks)
MALES											
Head (except eyes)	85	132	62	11	159	121	250	110	61	991	2.5
Eye	988	111	43	111	11	18	173	1,020	599	3,074	0.8
Neck and spine	12	22	3	2	128	14	254	28	35	498	7.8
Trunk (excl. shoulder and spine)	112	164	28	8	1,265	101	3,178	287	125	5,268	3.0
Arm (incl. shoulder and wrist)	168	148	100	8	595	240	905	312	94	2,570	2.7
Hand (excl. wrist; incl. fingers)	1,038	183	127	21	274	553	2,067	1,349	137	5,749	2.0
Leg (incl. hip and ankle)	120	172	66	8	1,671	426	775	287	151	3,676	3.2
Foot (incl. toes)	86	81	73	8	294	392	1,293	168	45	2,440	2.1
Site unspecified	1	15	2	1	15	-	2	2	1	39	3.8
Miscellaneous reactions	2	1	22	54	-	-	4	4	83	170	1.8
Total : Number	2,612	1,029	526	232	4,412	1,865	8,901	3,567	1,331	24,475	-
Average time lost	2.3	3.9	2.6	1.2	3.0	1.6	2.7	1.7	2.0	-	2.5
FEMALES											
Head (except eyes)	1	1	5	1	24	11	12	1	6	62	1.2
Eye	5	-	3	3	-	2	4	-	6	23	0.9
Neck and spine	-	2	-	-	13	-	17	-	3	35	6.5
Trunk (excl. shoulder and spine)	2	6	3	-	91	3	146	1	17	269	3.9
Arm (incl. shoulder and wrist)	8	4	10	1	74	21	64	4	11	197	4.6
Hand (excl. wrist; incl. fingers)	91	1	31	5	12	39	97	76	25	377	2.0
Leg (incl. hip and ankle)	-	6	17	-	214	34	30	4	15	320	3.5
Foot (incl. toes)	2	-	9	1	20	38	50	2	3	125	1.7
Site unspecified	-	1	1	-	1	-	-	-	-	3	3.7
Miscellaneous reactions	-	-	2	2	-	1	-	-	3	8	0.8
Total : Number	109	21	81	13	449	149	420	88	89	1,419	-
Average time lost	3.4	2.3	1.4	1.4	4.0	1.7	3.1	1.7	3.6	-	3.1



## No. 6 - NON-FATAL ACCIDENTS: NATURE OF INJURY AND ACCIDENT FACTOR, 1963-64

Nature of Injury	Machinery	Vehicles	Electricity, Explosions, etc.	Harmful Sub- stances	Falling, Slipping, Stumbling, etc.	Striking against, Stepping on, etc.	Handling, Moving or Falling Objects	Hand Tools	Other and Unspeci- fied	Total Accidents	Average Time Lost (weeks)
MALES											
Contusion, bruising and superficial injury	415	321	12	5	1,161	723	2,239	595	234	5,705	1.6
Lacerations	789	152	38	-	417	916	1,621	1,399	130	5,462	1.7
Foreign bodies	766	99	9	44	2	7	64	755	547	2,293	0.7
Burns and scalds	221	11	425	129	17	5	6	243	19	1,076	1.5
Fractures	157	166	2	-	448	52	734	151	57	1,767	1.0
Dislocations	9	20	1	-	94	6	199	19	22	370	10.0
Sprains, strains and hernias	140	183	6	-	2,208	125	3,907	375	209	7,153	1.4-2.8
Amputations	88	10	1	-	2	1	32	12	3	149	7.7
Concussion	12	50	5	-	46	29	47	8	16	213	2.9
Enucleation	-	-	-	-	-	-	-	1	1	2	9.2
Internal injury	4	2	-	-	1	1	20	1	3	32	3.4
Nerve injury	1	1	1	-	9	-	9	1	1	23	6.6
Other and unspecified	10	14	26	54	7	-	23	7	89	230	2.4
Total	2,612	1,029	526	232	4,412	1,865	8,901	3,567	1,331	24,475	2.5
FEMALES											
Contusion, bruising and superficial injury	25	10	-	-	153	68	72	9	32	369	1.9
Lacerations	57	1	1	-	33	61	97	74	19	343	1.7
Foreign bodies	4	-	1	1	-	-	1	-	8	15	0.5
Burns and scalds	5	-	77	10	3	1	-	-	-	96	2.3
Fractures	6	-	-	-	59	6	11	-	2	84	10.7
Dislocations	-	-	-	-	10	3	10	-	1	24	8.5
Sprains, strains and hernias	7	9	-	-	180	6	219	3	23	447	3.8
Amputations	4	-	-	-	-	-	-	1	-	5	5.3
Concussion	-	1	-	-	11	2	5	1	-	20	1.4
Enucleation	-	-	-	-	-	-	-	-	-	-	-
Internal injury	-	-	-	-	-	-	1	-	-	1	9.6
Nerve injury	1	-	-	-	-	-	3	-	1	5	4.4
Other and unspecified	-	-	2	2	-	2	1	-	3	10	1.0
Total	109	21	81	13	449	149	420	88	89	1,419	3.1

TIME LOST: ONE DAY OR MORE

No. 7 - NON-FATAL ACCIDENTS: AGE GROUP AND ACCIDENT FACTOR, 1963-64

Age Group (years)	Machinery	Vehicles	Electricity, Explosions, etc.	Harmful Substances	Falling, Slipping, Stumbling, etc.	Striking against, Stepping on, etc.	Handling, Moving or Falling Objects	Hand Tools	Other and Unspeci- fied	Total
MALES										
Under 20	539	121	110	34	529	303	1,129	715	188	3,668
20 - 29	707	280	155	52	1,021	457	2,138	988	353	6,151
30 - 39	508	260	106	73	1,021	410	2,012	782	310	5,482
40 - 49	402	196	85	35	892	326	1,740	554	236	4,466
50 - 59	280	110	39	22	616	220	1,257	354	160	3,058
60 and over	89	32	17	10	224	86	391	74	54	977
Age not stated	87	30	14	6	109	63	234	100	30	673
Total	2,612	1,029	526	232	4,412	1,865	8,901	3,567	1,331	24,475
FEMALES										
Under 20	43	2	28	3	108	52	101	34	24	395
20 - 29	20	6	11	4	77	18	97	10	16	259
30 - 39	18	9	9	2	72	24	83	9	17	243
40 - 49	15	3	17	1	89	33	88	26	15	287
50 - 59	6	1	13	1	68	15	35	8	6	153
60 and over	1	-	-	-	9	2	3	-	3	18
Age not stated	6	-	3	2	26	5	13	1	8	64
Total	109	21	81	13	449	149	420	88	89	1,419

## No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL

## ACCIDENT FACTOR AND TIME LOST, 1963-64

Accident Factor	Males			Females	
	Fatal	Non-fatal		Non-fatal	
		No.	Time Lost weeks	No.	Time Lost weeks
<u>Machinery</u>					
Engines and prime movers		27	176.4		
Pumps (including windmills)		20	118.4		
Ropes, bolts, pulleys, etc.		121	473.6	3	12.4
Shafting		6	12.6		
Gears		7	15.2		
Hoists, cranes, winches, etc.		117	703.2	2	21.4
Portable lifting appliances		95	260.2		
Lifts		8	138.4		
Conveyors		79	233.4	1	1.0
Abrasive, polishing, etc.		449	370.4	1	0.6
Agitators and mixers		18	43.4		
Casting, forging, welding		349	242.4	1	1.0
Crushers, grinding mills, etc.		18	25.4		
Drilling, boring, turning (metal)		251	318.8		
" " " (other)		8	21.8		
Milling machines (metal)		8	9.0		
Planers and shapers (wood)		39	100.4		
" " " (other)		8	9.4		
Packing and wrapping		8	15.6	6	7.4
Opening, picking, combing, carding		1	16.6		
Presses and punches (metal)		37	110.4	1	6.6
" printing		15	42.8		
" other		52	170.2	17	170.8
Rolls (printing, metal, glueing, etc.)		34	96.8	2	7.2
Saws (wood)		313	916.0		
" (metal)		29	57.0	1	0.2
" other		22	74.6		
Screening and separating		-	-		
Sowing and stitching		4	1.8	23	16.2
Shears (metal)		36	83.6	1	0.4
" (paper)		-	-	1	0.6
" other (except food and sheep shears)		11	18.0		
Rotary cutters (except food)		11	25.0		
Cutters, food		26	116.8	17	35.6
Spinning, weaving, knitting		3	3.0	2	1.4
Centrifuges		-	-		
Other industrial machines (fixed)		263	569.4	30	91.8
Milking, shearing, cream separators		43	81.4		
Farm implements (not tractors)		43	112.8		
Other farm equipment (fixed)		14	59.8		
Other machinery		19	45.4		
Total	-	2,612	5,879.4	109	374.6
<u>Vehicles</u>					
Motor vehicles	6	418	1,820.8	19	44.6
Railway locomotives, trucks and cars	1	143	516.2		
Mine, quarry and other vehicles on rails		54	244.8		
Bicycles		35	74.6		
Aircraft		-	-		
Water transport	1	5	23.2		
Animal-drawn vehicles		1	3.2		
Mobile machinery -					
Mobile cranes and hoists		56	220.6		
Forklift trucks		46	102.0		
Tractors	1	85	410.0	1	3.0
Bulldozers, mech. shovels, rollers, etc.	2	160	558.2		
Other mobile machinery		24	81.8		
Other vehicles		2	6.4	1	1.0
Total	11	1,029	4,061.8	21	48.6



No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL  
ACCIDENT FACTOR AND TIME LOST, 1963-64 (continued)

Accident Factor	Males			Females	
	Fatal	Non-fatal		Non-fatal	
		No.	Time Lost	No.	Time Lost
			weeks		weeks
<u>Electricity, Explosions, Flames, Hot Substances</u>					
Electricity -					
Cables and flexibles, portable machines, etc.		8	37.0	2	2.4
Switch and fuse gear		18	40.0		
Electric supply wiring		14	89.6		
Other electricity		11	6.2	1	0.4
Explosions -					
Blasting (mines and quarries)		17	120.2		
Boilers and pressure vessels		7	13.8		
Gas (household and industrial)		8	15.2	2	1.4
Other explosions (including weapons)	2	61	214.2	3	7.8
Flames and hot substances or objects		382	841.8	73	98.4
Total	2	526	1,378.0	81	110.4
<u>Harmful Substances</u>					
Solids, powders		32	66.4	1	2.0
Gas and aerosols		44	43.0		
Liquids		156	159.0	12	15.8
Total	-	232	268.4	13	17.8
<u>Falling, Slipping, Stumbling, etc.</u>					
On or from -					
Ladders	2	257	1,169.6	12	54.6
Poles		5	84.6		
Roofs		72	228.8		
Scaffolding		114	298.4		
Stairs or steps	1	343	868.6	109	310.6
Top or tray of vehicles		236	753.2	1	14.0
From other elevation	1	405	1,557.6	17	88.8
Into excavations	1	122	311.2	4	32.0
Jumping or stepping down		317	881.2	5	25.8
On same level		2,541	7,247.2	301	1,291.8
Total	5	4,412	13,400.4	449	1,817.6
<u>Striking Against, Stepping On, etc.</u>					
Stepping on sharp objects		336	357.8	19	12.2
Striking against fixed or stationary objects		1,529	2,660.6	130	239.6
Total	-	1,865	3,018.4	149	251.8
<u>Handling, Moving or Falling Objects</u>					
Strain in handling	5	3,878	12,692.4	226	944.2
Struck by -					
Trees, limbs, logs	2	225	1,021.4		
Poles		29	81.8		
Other timber		700	1,633.0	8	16.6
Drums and barrels		175	445.2	3	4.4
Boxes, crates, cartons		211	682.4	13	11.0
Bricks and tiles		75	131.4		
Earth, rock, sand		397	736.0		
Hand trucks, barrows, etc.		114	139.8	6	4.0
Other objects	1	2,368	5,068.8	89	196.2
Handling sharp objects -					
Metal		275	436.8	16	24.4
Glass		142	231.2	34	55.0
Other sharp objects		241	423.6	19	25.4
Other		71	80.8	6	8.2
Total	8	8,901	23,804.6	420	1,289.4



No. 8 - FATAL AND NON-FATAL ACCIDENTS: INDIVIDUAL  
ACCIDENT FACTOR AND TIME LOST, 1963-64 (continued)

Accident Factor	Males		Females		
	Fatal	Non-fatal	Non-fatal		
		No.	Time Lost weeks	No.	Time Lost weeks
<u>Hand Tools</u>					
Hand Operated -					
Axes, hatchets		159	411.4	1	3.0
Blow torches		4	4.4		
Can openers		-	-	1	1.8
Cleavers, choppers		11	32.0		
Chisels		151	135.6		
Crowbars, pinchbars		226	518.0	1	18.0
Files		20	40.8		
Hammers, mallets		539	784.0	1	0.8
Hooks		113	183.4	2	1.4
Knives		495	806.0	51	80.2
Needles		5	4.0	1	2.0
Pick, pickaxes, hoes		64	231.0		
Pliers, pincers, tongs		7	12.4		
Saws		43	45.8		
Scissors and shears		31	33.8	7	4.6
Screwdrivers		35	27.8		
Shovels and spades		211	604.0		
Spanners, wrenches		168	217.8		
Other		167	222.2	12	24.4
Power Operated -					
Abrasive, sanding, polishing, etc.		285	162.2	2	2.6
Chisels		2	2.8		
Drills, jack-hammers, etc.		313	748.4		
Knives		4	8.8	1	0.6
Riveters		8	12.4		
Saws		68	194.6		
Screwdrivers		-	-		
Soldering irons		10	7.8		
Explosive-powered fasteners		7	44.4		
Other		421	422.4	8	7.8
Total	-	3,567	5,918.2	88	147.2
<u>Miscellaneous</u>					
Animals and insects		359	1,182.4	15	37.4
Physical causes -					
Cold		-	-		
Compressed air		3	2.6		
Exposure to (rain, wind, etc.)		7	9.0	1	0.8
Heat (furnaces, weather, etc.)		10	19.4		
Immersion		-	-		
Radiation (not burns from)		-	-		
Vibration		3	64.8	1	1.0
Other physical causes		8	14.4		
Pressure vessels		4	20.0		
Other -					
Doors, windows, gates, etc.		100	163.4	30	90.0
Flying particles		587	420.2	6	3.0
Other and unspecified	2	250	711.0	36	192.4
Total	2	1,331	2,607.2	89	324.6
GRAND TOTAL	28	24,475	60,336.4	1,419	4,382.0

TIME LOST: ONE DAY OR MORE

No. 9 - NON-FATAL ACCIDENTS: DURATION OF TIME LOST, 1963-64

Time Lost	Males		Females		Persons	
	No.	Time Lost weeks	No.	Time Lost weeks	No.	Time Lost weeks
1 day but under 1 week	11,057	5,381	580	299	11,637	5,680
1 week but under 2 weeks	6,888	8,720	414	515	7,302	9,235
2 weeks but under 4 weeks	3,549	9,316	212	552	3,761	9,868
4 weeks but under 6 weeks	1,161	5,466	75	344	1,236	5,810
6 weeks but under 8 weeks	634	4,259	38	260	672	4,519
8 weeks but under 13 weeks	640	6,296	49	482	689	6,778
13 weeks but under 26 weeks	352	6,242	32	555	384	6,797
26 weeks but under 52 weeks	139	4,912	12	456	151	5,368
52 weeks but under 104 weeks	45	2,924	7	541	52	3,465
104 weeks but under 156 weeks	7	914	-	-	7	914
156 weeks and more	3	509	-	-	3	509
Reopened claims (a)	-	5,397	-	378	-	5,775
Total	24,475	60,336	1,419	4,382	25,894	64,718

(a) Additional time lost which cannot be allocated to appropriate groups. The number of reopened claims reported was 1,656.

*amendment made 7/12/66*